

Figure 6:

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\begin{figure}
\caption{A One Dimensional Representation of the Efficiency of Distribution,  $\kappa(n_s) \equiv n_s g(1/n_s)$ }
\label{fig: EffDist}
\begin{center}
\resizebox{14cm}{!}{
\begin{tikzpicture}
\draw [thick, <-] (-3,1.5) -- (-3, 0);
\draw [->] (-2,1.25) -- (-2.35, .6);
\node [] (area) at (-1.75,1.4) {\tiny  $g\left(\frac{1}{n_s}\right)$ };
\draw [thick, -] (-3,0) -- (1, 0);
\draw [dashed] (-3,1) -- (1, 1);
\node [] (t) at (-3.6, 1.5) {\tiny  $t(\delta)^{1-\epsilon}$ };
\node [] (1s) at (1, -.25) {\tiny 1};
\node [] (1) at (-3.25, 1) {\tiny 1};
\node [] (0) at (-3.25, 0) {\tiny 0};
%\node [] (-) at (-3, 1) {\big -};
\node [] () at (1.85, 0) {};
\foreach \i in {0,...,3} {
\draw [thick] (-3+\i,.5) to [curve through ={{(-2.75+\i,.7)}}] (-2.5+\i,1);
\draw [thick] (-2.5+\i,1) to [curve through ={{(-2.25+\i,.7)}}] (-2+\i,.5);
\draw [thick] (-2+\i,0) -- (-2+\i, .5);
}
\fill [pattern=north west lines, pattern color=gray,samples=100,domain=-3:-2.5] (-3,0) --
plot(\x,{{.8*\x*\x+(27/5)*\x+9.5}}) -- (-2.5,0);
\fill [pattern=north west lines, pattern color=gray,samples=100,domain=-2.5:-2] (-2.5,0) --
plot(\x,{{.8*\x*\x+(13/5)*\x+2.5}}) -- (-2,0);
\foreach \n in {-3,...,0} {
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\filldraw [black] (\n+.5,0) circle (1pt);
}
\draw [thick, decorate,decoration={brace}] (-2,-.2) -- (-3,-.2) node [black,midway];
\node [] (frac) at (-2.5, -.65) {\tiny $\frac{1}{n_s}$};
\end{tikzpicture}
}
\end{center}
\end{figure}
```